

# Health impacts from cyanobacteria harmful algae bloom American Great Lakes

Harmful Algae

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The re-eutrophication of Lake Erie: Harmful algal blooms and hypoxia. <i>Harmful Algae</i> , 2016, 56, 44-66.	4.8	389
2	Preface for Special Issue on "Global expansion of harmful cyanobacterial blooms: Diversity, ecology, causes, and controls". <i>Harmful Algae</i> , 2016, 54, 1-3.	4.8	20
3	Oxidative stress responses in the animal model, <i>Daphnia pulex</i> exposed to a natural bloom extract versus artificial cyanotoxin mixtures. <i>Aquatic Toxicology</i> , 2016, 179, 151-157.	4.0	23
4	An alternative explanation for cyanobacterial scum formation and persistence by oxygenic photosynthesis. <i>Harmful Algae</i> , 2016, 60, 27-35.	4.8	29
5	A <i>Bacillus</i> sp. strain with antagonistic activity against <i>Fusarium graminearum</i> kills <i>Microcystis aeruginosa</i> selectively. <i>Science of the Total Environment</i> , 2017, 583, 214-221.	8.0	41
6	Cyanobacterial Toxins in Freshwater and Food: Important Sources of Exposure to Humans. <i>Annual Review of Food Science and Technology</i> , 2017, 8, 281-304.	9.9	81
7	Algal bloom response and risk management: On-site response tools. <i>Toxicon</i> , 2017, 129, 144-152.	1.6	23
8	Spatial and temporal variations reveal the response of zooplankton to cyanobacteria. <i>Harmful Algae</i> , 2017, 64, 63-73.	4.8	21
9	Critical assessment of chitosan as coagulant to remove cyanobacteria. <i>Harmful Algae</i> , 2017, 66, 1-12.	4.8	24
10	Lettuce facing microcystins-rich irrigation water at different developmental stages: Effects on plant performance and microcystins bioaccumulation. <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 193-200.	6.0	28
11	Associations between county-level land cover classes and cyanobacteria blooms in the United States. <i>Ecological Engineering</i> , 2017, 108, 556-563.	3.6	24
12	Microcystin in Lake Erie fish: Risk to human health and relationship to cyanobacterial blooms. <i>Journal of Great Lakes Research</i> , 2017, 43, 1084-1090.	1.9	23
13	Biometric and physiological responses of <i>Egeria densa</i> Planch. cultivated with toxic and non-toxic strains of <i>Microcystis</i> . <i>Aquatic Toxicology</i> , 2017, 191, 201-208.	4.0	24
14	Green Applications of Carbon Nanostructures produced by Plasma Techniques. <i>MRS Advances</i> , 2017, 2, 2647-2659.	0.9	10
15	SWEET CubeSat "Water detection and water quality monitoring for the 21st century. <i>Acta Astronautica</i> , 2017, 140, 10-17.	3.2	12
16	Ten-year survey of cyanobacterial blooms in Ohio's waterbodies using satellite remote sensing. <i>Harmful Algae</i> , 2017, 66, 13-19.	4.8	30
17	A high throughput targeted and non-targeted method for the analysis of microcystins and anatoxin-A using on-line solid phase extraction coupled to liquid chromatography-quadrupole time-of-flight high resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4959-4969.	3.7	53
18	Management of toxic cyanobacteria for drinking water production of Ain Zada Dam. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 361.	2.7	12

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19	Tracking cyanobacteria blooms: Do different monitoring approaches tell the same story?. <i>Science of the Total Environment</i> , 2017, 575, 294-308.	8.0	51
20	Cyanobacterial bloom significantly boosts hypolimnetic anammox bacterial abundance in a subtropical stratified reservoir. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	2.7	25
21	Machine learning approaches for cyanobacteria bloom prediction using metagenomic sequence data, a case study. , 2017, , .		0
22	Interspecific Relationship and Ecological Requirements of Two Potentially Harmful Cyanobacteria in a Deep South-Alpine Lake (L. Iseo, I). <i>Water (Switzerland)</i> , 2017, 9, 993.	2.7	4
23	Impact of Land Use Activities in the Maumee River Watershed on Harmful Algal Blooms in Lake Erie. <i>Case Studies in the Environment</i> , 2017, 1, 1-8.	0.7	7
24	Are cyanobacteria total, specific and trait abundance regulated by the same environmental variables?. <i>Annales De Limnologie</i> , 2018, 54, 3.	0.6	7
25	InÂvivo assessment of the hepatotoxicity of a new Nostoc isolate from the Nile River: Nostoc sp. strain NRI. <i>Toxicol</i> , 2018, 143, 81-89.	1.6	1
26	Exposure to a cyanobacterial toxin increases larval amphibian susceptibility to parasitism. <i>Parasitology Research</i> , 2018, 117, 513-520.	1.6	6
27	Allelopathic effect of the rice straw aqueous extract on the growth of <i>Microcystis aeruginosa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 953-959.	6.0	58
28	Immunomodulatory effects of selected cyanobacterial peptides inÂvitro. <i>Toxicol</i> , 2018, 149, 20-25.	1.6	9
29	Uptake and accumulation of Microcystin-LR based on exposure through drinking water: An animal model assessing the human health risk. <i>Scientific Reports</i> , 2018, 8, 4913.	3.3	60
30	Associations between cyanobacteria and indices of secondary production in the western basin of Lake Erie. <i>Limnology and Oceanography</i> , 2018, 63, S232.	3.1	7
31	Simultaneous uptake of NOM and Microcystin-LR by anion exchange resins: Effect of inorganic ions and resin regeneration. <i>Chemosphere</i> , 2018, 192, 113-121.	8.2	25
32	Aerosol Emissions from Great Lakes Harmful Algal Blooms. <i>Environmental Science &amp; Technology</i> , 2018, 52, 397-405.	10.0	66
33	The dose makes the poison. <i>Science of the Total Environment</i> , 2018, 621, 649-653.	8.0	43
34	Long Time Sequence Monitoring of Chaohu Algal Blooms Based on Multi-source Optical and Radar Remote Sensing. , 2018, , .		3
35	Impact of Microcystin-LR on Liver Function Varies by Dose and Sex in Mice. <i>Toxins</i> , 2018, 10, 435.	3.4	17
36	Importance of bacterial biodegradation and detoxification processes of microcystins for environmental health. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2018, 21, 357-369.	6.5	38

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37	Fishing in greener waters: Understanding the impact of harmful algal blooms on Lake Erie anglers and the potential for adoption of a forecast model. <i>Journal of Environmental Management</i> , 2018, 227, 248-255.	7.8	16
38	Tile Drainage and Anthropogenic Land Use Contribute to Harmful Algal Blooms and Microbiota Shifts in Inland Water Bodies. <i>Environmental Science &amp; Technology</i> , 2018, 52, 8215-8223.	10.0	24
39	Flocculationâ€Dewatering Behavior of Microalgae at Different Growth Stages under Inorganic Polymeric Flocculant Treatment: The Relationships between Algal Organic Matter and Floc Dewaterability. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11087-11096.	6.7	25
40	Nitrogen cycling in Sandusky Bay, Lake Erie: oscillations between strong and weak export and implications for harmful algal blooms. <i>Biogeosciences</i> , 2018, 15, 2891-2907.	3.3	34
41	Identifying aerosolized cyanobacteria in the human respiratory tract: A proposed mechanism for cyanotoxin-associated diseases. <i>Science of the Total Environment</i> , 2018, 645, 1003-1013.	8.0	44
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46	Exposure routes and health effects of microcystins on animals and humans: A mini-review. <i>Toxicon</i> , 2018, 151, 156-162.	1.6	126
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48	Spatial and temporal variations in cyanobacteria and microcystins in Aha Reservoir, Southwest China. <i>Journal of Oceanology and Limnology</i> , 2018, 36, 1126-1131.	1.3	7
49	Cyanobacteria reduce quagga mussel ( <i>Dreissena rostriformis bugensis</i> ) spawning and fertilization success. <i>Freshwater Science</i> , 2018, 37, 510-518.	1.8	10
50	Drivers of cyanobacteria dominance, composition and nitrogen fixing behavior in a shallow lake with alternative regimes in time and space, Laguna del Sauce (Maldonado, Uruguay). <i>Hydrobiologia</i> , 2019, 829, 61-76.	2.0	23
51	Nutrients, eutrophication and harmful algal blooms along the freshwater to marine continuum. <i>Wiley Interdisciplinary Reviews: Water</i> , 2019, 6, e1373.	6.5	465
52	Geochemical Characterization of Iron and Steel Slag and Its Potential to Remove Phosphate and Neutralize Acid. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 468.	2.0	15
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57	Global geographical and historical overview of cyanotoxin distribution and cyanobacterial poisonings. <i>Archives of Toxicology</i> , 2019, 93, 2429-2481.	4.2	230
58	Estimating the economic costs of algal blooms in the Canadian Lake Erie Basin. <i>Harmful Algae</i> , 2019, 87, 101624.	4.8	58
59	Development and evaluation of a sensitive, Diffusive Gradients in Thin-Films (DGT) method for determining microcystin-LR concentrations in freshwater and seawater. <i>Harmful Algae</i> , 2019, 89, 101668.	4.8	7
60	Controlling <i>Lyngbya wollei</i> in three Alabama, USA reservoirs: summary of a long-term management program. <i>Applied Water Science</i> , 2019, 9, 1.	5.6	8
61	Removal of <i>Microcystis aeruginosa</i> and control of algal organic matters by potassium ferrate(VI) pre-oxidation enhanced Fe(II) coagulation. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 1587-1594.	2.7	15
62	An Overview of Cyanobacteria Harmful Algal Bloom (CyanoHAB) Issues in Freshwater Ecosystems. , 0, , .		8
63	First Report of <i>Microcystis</i> Strains Producing MC-FR and -WR Toxins in Japan. <i>Toxins</i> , 2019, 11, 521.	3.4	9
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67	The effect of water treatment unit processes on cyanobacterial trichome integrity. <i>Science of the Total Environment</i> , 2019, 659, 1403-1414.	8.0	19
68	Urea Is Both a Carbon and Nitrogen Source for <i>Microcystis aeruginosa</i> : Tracking <sup>13</sup> C Incorporation at Bloom pH Conditions. <i>Frontiers in Microbiology</i> , 2019, 10, 1064.	3.5	75
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74	Synthetic Haptens and Monoclonal Antibodies to the Cyanotoxin Anatoxin-a. <i>Angewandte Chemie</i> , 2019, 131, 9232-9237.	2.0	0
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76	Variation in allelopathy of extracellular compounds produced by <i>Cylindrotheca closterium</i> against the harmful-algal-bloom dinoflagellate <i>Prorocentrum donghaiense</i> . <i>Marine Environmental Research</i> , 2019, 148, 19-25.	2.5	15
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79	Removal of <i>Microcystis</i> blooms using enhanced colony formation and buoyancy by controlling extracellular polysaccharides and cation concentrations. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 4793-4802.	3.5	6
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89	Analyzing the Effects of Wind and Stratification on Surface Currents in a Large Lake. , 2019, , .		1
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93	Measurement of Cyanobacterial Bloom Magnitude using Satellite Remote Sensing. <i>Scientific Reports</i> , 2019, 9, 18310.	3.3	78
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106	A systematic review of analytical methods for the detection and quantification of l <sup>2</sup> -N-methylamino-l-alanine (BMAA). <i>Analyst</i> , 2020, 145, 13-28.	3.5	23
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108	Benefits of machine learning and sampling frequency on phytoplankton bloom forecasts in coastal areas. <i>Ecological Informatics</i> , 2020, 60, 101174.	5.2	14

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110	Identifying the Influence of Land Cover and Human Population on Chlorophyll a Concentrations Using a Pseudo-Watershed Analytical Framework. <i>Water (Switzerland)</i> , 2020, 12, 3215.	2.7	5
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114	Atmospheric Progression of Microcystin-LR from Cyanobacterial Aerosols. <i>Environmental Science and Technology Letters</i> , 2020, 7, 740-745.	8.7	11
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118	Rapid-assessment test strips: effectiveness for cyanotoxin monitoring in a northern temperate lake. <i>Lake and Reservoir Management</i> , 2020, 36, 444-453.	1.3	3
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130	Microalgae proteins: production, separation, isolation, quantification, and application in food and feed. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 1976-2002.	10.3	138
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132	Global scanning of cylindrospermopsin: Critical review and analysis of aquatic occurrence, bioaccumulation, toxicity and health hazards. <i>Science of the Total Environment</i> , 2020, 738, 139807.	8.0	43
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135	Effects of erythromycin and sulfamethoxazole on <i>Microcystis aeruginosa</i> : Cytotoxic endpoints, production and release of microcystin-LR. <i>Journal of Hazardous Materials</i> , 2020, 399, 123021.	12.4	54
136	Harmful Algal Bloom Toxins in Aerosol Generated from Inland Lake Water. <i>Environmental Science &amp; Technology</i> , 2020, 54, 4769-4780.	10.0	74
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